


REMARKS

This preliminary amendment is submitted to correct an inadvertent omission in the brief description of the drawings. Support for this amendment is found at page 19, line 6 through page 20, line 27.

Attached is a marked-up version of the changes being made by the current amendment.
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
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Version with markings to show changes made

In the specification:

Paragraph beginning at page 4, line 5 has been amended as follows:

FIG. 1 is a block diagram of a computer system for merging images;

FIG. 2A and 2B show user interfaces presented by the system of FIG. 1;

FIG. 3 shows the relationship between perspective distortion, the rotation angle, and the focal length;

FIG. 4 is a flow chart of the process performed by the system of FIG. 1 to merge the images, including determining relative positions of the images, correcting perspective distortion in the images, and determining the focal length and rotation angles of the images;

FIG. 5A illustrates the use of the focal length and the rotation angle to map images onto a cylinder;

FIG. 5B illustrates the use of the focal length and the rotation angle to incorporate a computer generated 3-dimensional object into a panoramic image;

FIGs. 6A-6F illustrate intermediate steps in merging images;

FIGs. 7A and 7B are flow charts of the process performed by the system to determine the relative positions of the images;

FIG. 8 is a flow chart of the process performed by the system to correct perspective distortion in the images;

FIG. 9 shows images that are in the process of being positioned relative to each other;

FIG. 10A shows the conversion of two-dimensional coordinates into four-dimensional coordinates;

FIG. 10B is a flow chart of the process performed by the computer system of FIG. 1 to compute the vertices of a perspective distorted image based on rotation angles and focal lengths;

FIGs. 10C-10E show the equations terminology used to compute the focal length and rotation angles of an image;[and]

FIG. 11 is a flow chart of the process performed by the system to compute the focal length and the rotation angle of an image[.]; and

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FIG. 12 is a flow chart of a process performed to merge images.

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